

ABSTRACT OF THE DISCLOSURE

In order to remove vibration or improve a vibration control effect, and achieve device size reduction, an adjusting device is provided in which a weight of a support target object is supported by a pressure of an internal gas of a first chamber gas via a holding member and which adjusts a position in a gravity direction of the holding member by driving a movable member which changes an internal volume of the first gas chamber by changing an internal volume of a second gas chamber based on a state change of at least one of first and second gas chambers. Because of this, when the holding member is displaced in the gravity direction because of the vibration or the like, as the movable member is driven by the adjusting device, the holding member is maintained at an original position. Additionally, the movable member does not contact the support target object, so it does not directly deform the support target object, and the support target object is only driven by the change of the internal volume of the gas chambers; thus, even if the rigidity of the gas within the first gas chamber is high, there will be no problem regarding transmission of vibrations.